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(71) Applicant (for all designated States except US): THE REGENTS OF THE UNIVERSITY OF CALIFORNIA [US/US]; 12th floor, 1111 Franklin Street, Oakland, CA 94607-5200 (US).  (72) Inventors; and (75) Inventors/Applicants (for US only): GATANAGA, Tetsuya [JP/US]; 77 Wellesley, Irvine, CA 92612 (US). GRANGER, Gale, A. [US/US]; 31562 Santa Rosa, Laguna Beach, CA 92651 (US).  (74) Agents: CAMPBELL, Cathryn et al.; Campbell and Flores, Suite 700, 4370 La Jolla Village Drive, San Diego, CA 92122 (US).		Published <i>With international search report.</i> <i>With amended claims.</i>  (88) Date of publication of the international search report: 20 January 2000 (20.01.00)  Date of publication of the amended claims: 16 March 2000 (16.03.00)	

(54) Title: FACTORS AFFECTING TUMOR NECROSIS FACTOR RECEPTOR RELEASING ENZYME ACTIVITY

(57) Abstract

The biological effects of the cytokine TNF are mediated by binding to receptors on the surface of cells. This disclosure describes new proteins and polynucleotides that promote enzymatic cleavage and release of TNF receptors. Also provided are method for identifying additional compounds that influence TNF receptor shedding. As the active ingredient in a pharmaceutical composition, the products of this invention increase or decrease TNF signal transduction, thereby alleviating the pathology of disease.